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Flat-ribbon conductor - VS-ASI-FC-PUR-YE 100M - 1404883

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AS-Interface PUR flat conductor in yellow, 2 x 1.5 mm², 100 m ring

Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	222.22 g
Custom tariff number	85444995
Country of origin	Germany

Technical data

Mechanical characteristics

Number of positions	2
Shielded	No
Type of cable	Flat-ribbon conductor
Cable structure	2x 1.5 mm²
Duty cycle testing	Flexible cable conduit capable
Length of cable	100 m

Ambient conditions

	-30 °C ... 85 °C (Flexibly installed)
	-40 °C ... 85 °C (fixed routing)
Ambient temperature (assembly)	-30 °C ... 85 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C

Material data

Outer sheath, material	PUR
External sheath, color	yellow RAL 1021

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Technical data

Electrical characteristics

Rated voltage (III/3)	300 V
Rated surge voltage	2 kV

Standards and Regulations

Duty cycle testing	Flexible cable conduit capable

Line characteristics

Type of cable	Flat-ribbon conductor
Cable structure	2x 1.5 mm²
Conductor cross section	1.5 mm²
AWG signal line	16
Conductor structure signal line	84x 0.15 mm
Core diameter including insulation	2.5 mm
Thickness, insulation	approx. 0.5 mm
Wire colors	brown, blue
External sheath, color	lemon yellow RAL 1012
Insulation resistance	≥ 1 MΩ*km
Conductor resistance	≤ 13.7 Ω/km
Nominal voltage, cable	300 V
Test voltage, cable	2000 V
Outer sheath, material	PUR
Material conductor insulation	PP
Conductor material	Bare Cu litz wires
Cable weight	64 kg/km
Smallest bending radius, fixed installation	≥ 6 mm (one-time)
Traversing direction	horizontal, above the broadside
Max. bending cycles	8000000
Bending radius	75 mm
Traversing rate	4 m/s
Acceleration	4 m/s²
Traversing direction	vertical, above the broadside
Max. bending cycles	10000000
Bending radius	50 mm
Special properties	Silicone-free
Halogen-free	yes
Ambient temperature (operation)	-40 °C ... 85 °C (cable, fixed installation)
	-30 °C ... 85 °C (cable, flexible installation)

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Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27062002
eCl@ss 5.1	27062002
eCl@ss 6.0	27062002
eCl@ss 7.0	27062002
eCl@ss 8.0	27062002
eCl@ss 9.0	27061801

ETIM

ETIM 3.0	EC000825
ETIM 4.0	EC000825
ETIM 5.0	EC000830

UNSPSC

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	31261501

Accessories

Accessories

Cable connector

Connector - Q 1,5/4IDC/24-24KU-KU-ASI-BK - 1585058

Flat conductor connector with QUICKON fast connection technology, 4-pos., for connecting one or two AS-interface flat conductors

Mounting material

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Accessories

Fastening clip - VS-ASI-2FC-FIX - 1404757

Fastening clip for two AS-Interface flat conductors, self-adhesive and with a 3 mm hole for additional fastening, plastic, gray

Panel feed-through

Panel feed-through - Q 1,5/4A50/24-M20KU-ESA-ASI BK - 1437274

Panel feed-through with QUICKON fast connection technology, for accommodating one or two AS-i flat-ribbon conductors, on the rear side with four 0.5 m long individual wires 1.5 mm²

Panel feed-through - Q 1,5/4FL/24-M20KU-ESA-ASI BK - 1437261

Panel feed-through with QUICKON fast connection technology, for accommodating one or two AS-i flat conductors, on the rear side with manual solder/slip-on connection 4.8 x 0.8 mm

Seal

Seal - ASI SACB KABEL-ENDDICHTUNG - 1692336

End sealing for AS-Interface flat-ribbon conductor, can be used on both sides, color:Black

Stripping tool

Flat-ribbon conductor - VS-ASI-FC-PUR-YE 100M - 1404883

Accessories

Stripping tool - WIREFOX ASI - 1212154

Stripping pliers, for AS interface flat-ribbon cables, any desired stripping length

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